

RESEARCH, DEVELOPMENT & TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT

Wisconsin Department of Transportation
DT1241 8/2010

INSTRUCTIONS:

Research project investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

WisDOT research program category: <input type="checkbox"/> Policy research <input type="checkbox"/> Other <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Pooled fund TPF#		Report period year: <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input checked="" type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)
Project title: Analysis of Trends/Correlations of Historical WisDOT Soil Lab Test Results Through Development of a Database		
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WisDOT project ID: 0092-11-04	Other project ID:	Project start date: 10/21/2010
Original end date: 10/21/2012	Current end date: 10/21/2012	Number of extensions: 0

Project schedule status:

☒ On schedule ☐ On revised schedule ☐ Ahead of schedule ☐ Behind schedule

Project budget status:

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$63,951.00	\$179.58	\$179.58	0%	12%

Project description:

The objectives of this project are to create an electronic database of WisDOT soil laboratory testing results that will be linked to a Geographic Information System (GIS) to allow for searching WisDOT project related records by spatial location, which will facilitate the planning of geotechnical explorations and provide geotechnical data for planning and design of transportation facilities and to analyze the data in the database for trends and correlations relating to location, soil type, soil classification, geologic source, index properties, structural design values, etc., and to compare the trends to typical published values for respective soil types.

Progress this quarter (includes meetings, work plan status, contract status, significant progress, etc.):

Progress this quarter included continuing the Literature Search, developing the database fields, and scanning the Geotechnical Engineering Testing Data at the Truax Lab. Data from 2001 through 2011 has been scanned. We did not get out to the regions to start scanning that data. The database is very close to being ready to provision.

Anticipated work next quarter:

We will continue to scanning Geotechnical data at the DOT Truax Office and initiate scanning of Geotechnical Data at the Regional Offices; Complete the design of data base; finalize the literature search; meet with the TOC to demo the data base for them for initial input; and provisioning of the data base.

We do not see any circumstances that will affect the project or the budget at this time. We would like to set up a meeting with the TOC once the initial design of the data base is complete. The expenditures noted are for travel associated with scanning the data. The labor will be charged as Summer Salary and will appear at that time. Approximately 20 percent of the work has been completed.

Exhibit 1

		FY 2010-2011												
	Task	O	N	D	J	F	M	A	M	J	J	A	S	
	Task 1: Literature Search	Proposed												
	Actual													
	Task 2: Data Collection and Review	Proposed												
	Actual													
	Task 3: Database Design/Development			Proposed										
	Actual													
	Task 4: GIS Design and Linkage			Proposed										
	Actual													
	Task 5: Provisioning the Data Base							Proposed						
	Actual													
		FY 2011-2012												
		O	N	D	J	F	M	A	M	J	J	A	S	
	Phase 5: Provisioning the Database	Proposed												
	Actual													
	Task 6: Data Analysis				Proposed									
	Actual													
	Task 7: Report								Proposed					
	Actual													
	TOC Review/Final Submittal/Presentation											Proposed		
	Actual													

Staff receiving QPR:	Date received:
Staff approving QPR:	Date approved: